

IN THE SPECIFICATION:

Please amend the specification as follows:

Please substitute the paragraph beginning at page 15, line 27, and ending on page 16, line 10, with the following.

-- If it is determined at step S705 that the condition is not satisfied, the process proceeds to step S706, which corresponds to the second determination step, at which the elapsed time T_x is compared with the final time T to enable the first command value generation means. If the condition is satisfied, as the control timing has entered a time area to end calculation of velocity command value by cubic function, the process proceeds to step S709, which corresponds to the third velocity command value generation step or means, at which the final velocity V_2 of the first command value generation means is employed as the velocity command value V_y . Then the process proceeds to step S711. --